SEQUENCE LISTING

<110> Welsh, John B.
       Hampton, Garret M.

<120> GENES OVEREXPRESSED IN PROSTATE DISORDERS AS DIAGNOSTIC AND
       THERAPEUTIC TARGETS

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<141> 2002-01-22

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Page 12

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Page 22

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aaacagtttt catttngggg ttacanaaan gtcaatgttt cacaatcaca aagcataaag     180

gtacatggtt ctgaaacaat ttccaggcag atttctctca ttcactgtac tagggnagtt     240

ttggnaaccc agaccatgat ccattcctgg acaaatgatc tccaccatgg gcctccctgg     300

gtctccagaa anaaaacana gaaaactggg ggcaaaacag gagtaanata atagcctcag     360

gactcaggaa acaaacacaa actacttgng gnagatcaga aaagtagagg acacaggttc     420

tccttcangt acatcacaga agnaacctnc agcacattta cagccttatt tggtcactga     480

ctncctgggg gctacatgaa canagcttca cctggggcac agacgganca attncgctct     540

ttncacagat aacactgtgg attcganaga gcaggcctct gcagnccggc actccatctg     600

acaantggca cagcggtcac agangtggca agtcagtctg ctcgcnntng gggcctcngg     660

aaaaatccca gtggncannc atnttgcnac ggcacccgna cannnccann gtttgtcaga     720

gnngtggnnt atggngtgca gctnnaancc tnnctntnaa ttgtnaggtc ttcacccctt     780

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tcgtggcagg gcagtctgcg gcggtgttct ggtgcacccc cagtgggtcc tcacagctgc     180

ccactgcatc aggaacaaaa gcgtgatctt gctgggtcgg cacagcctgt ttcatcctga     240

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cctcctgaag aatcgattcc tcaggccagg tgatgactcc agccacgacc tcatgctgct     360

ccgcctgtca gagcctgccg agctcacgga tgctgtgaag gtcatggacc tgcccaccca     420

ggagccagca ctggggacca cctgctacgc ctcaggctgg ggcagcattg aaccagagga     480

gtgtacgcct gggccagatg gtgcagccgg gagcccagat gcctgggtct gagggaggag     540

gggacaggac tcctgggtct gagggaggag ggccaaggaa ccaggtgggg tccagcccac     600

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tggttttcaa tgtacactgt accaaaattt ctataaataa ataactttgt acataaaagt   180

aatactccct ctttcacatt gcctcncaga agcagcaaat tcatatattt tgtggaagta   240

agattagtca gttaactgtc aagaacaaaa ttctaaatgt gcttaccttt tgaacagtga   300

tgacacctga cagtaattgt taactatttt ctcagtaact cccttcagct tttggccaaa   360

ggaacatttg aaggaccttg tttcnattta agttttacta aatgacacat tggcactcan   420

aanatggtta gctaccagtc tcaaaagtgc aaattatacc canaacccag gtcaagggct   480

gtcctttcca agtcccagct cagtttcatc tggtgcgaag gaatggcatg gacaggcctg   540

ctccgggtcc ttaatanaaa taaggtancc ctgaaaagtc anaacttcct cctttctgtc   600

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cccgaggagg aggaccacgt cctggtgctg cggaaaagca acttcgcgga ggcgctggcg      180

gcccacaagt acctgctggt ggagttctat gccccttggt gtggccactg caaggctctg      240

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gccaaggtgg acgccacgga ggagtctgac ctggcccagc agtacggcgt gcgcggctat      360

cccaccatca gttcttcag gaatggagac acggcttccc ccaaggaata tacagctggc      420

agagaggctg atgacatcgt gaactggctg aagaagcgca cgggcccggc tgccaccacc      480

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gatgacatac catttgggat cacttccaac agtgacgtgt ctccaaata ccagctcgac      660

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gcaccgccct cctgctactt ggaccgcttc ctcacgccct cctccacccc gcgcgccagc     180

ctcccgcgcg cagcgtgggg atctcggcca ataaaggaga aagggcgcgg cccgtacgcg     240

cgccaggtgc gtgggcgaga ccagctcacg cccctcctcc agccgccaag gccccggccc     300

acagctgcct ggctgcagtc agaagcgtag cccgagacaa ggaagggcgc cttgactcgc     360

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Page 87

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Page 88

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Page 121

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<213> Homo sapiens

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<211> 580
<212> DNA
<213> Homo sapiens

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gggacgagcg cgacttggcc ttggcgcggg ccttgccttc ttgcttgcca cgaccagaca   540

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<211> 2593
<212> DNA
<213> Homo sapiens

<400> 36

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<213> Homo sapiens

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aaaaagtgat ataataaagg aaccaaggag aaaattcaga aggaaagaaa aaattgcctc    180

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Page 146

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Page 148

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Page 149

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Page 158

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gcgtgaagtt ctccctggat taccaggtca tcactggagg ccactacgat gttgactgct   300

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tcacgtaccg ggctgaagtc aagggcgttt atcagttttg cttcagtaat gagttttcca   420

ccttctctca caagaccgtc tactttgact ttcaagtggg cgatgagcct cccattctcc   480

cagacatggg gaacagggtc acagctctca cccagatgga gtccgcctgc gtgaccatcc   540

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gggtggaggc agaacgatgc tgctgtggta gccctttgcc tttcatgccc atgcttgatt      900

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aagtgtgcag cgctgaaaag acatttacaa ctaggccagg gattagccac tgtgggaggg     1020

tggacaggca atggttcagt ggcctggctg ttggcaggaa ctccaagtgc ccaggcctct     1080

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gtacctgagg aaaccaggcc ctgggtgact ttgcagatct gctcaccctc ggtgagcaac     1260

agtgtcagcc atgcaagcag gacagaatgg tgactgggtg cccttggtga gctgtgtatt     1320

tcctaggagg tagaaaactg tgggaaactg tggctaataa aaactaagtg tgagcgtcaa     1380

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aa             1432
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<213>   Homo sapiens


<220>
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<223>   n is a, c, g, or t

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ggatttgact agtaatcatt tcacttgccc ttggccttat ggtggctctc cgtcttctta      180

ggcagcaata cggcctggat gttgggcagg acaccgccct gcgcgatggt cacgcgacct      240

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cgggtcttct tattgtcgcg agccggnttg ccagctagct ctaagatctc ggccgtcaga      360

tattccagca ccgctgccag gtacactgga gcgccggccc cgactcgttc ggagtagttg      420

cctttgcgga ggaggcggtg cacaccccaa ctggaaactg aagaccggcc ctggaagaac      480

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<213>   Homo sapiens

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tgtaacattt atatctcaca tagagacatg cttatatggt tttatttaaa atgaaatgcc     240

agtccattac actgaataaa tagaactcaa ctattgcttt tcagggaaat catggatagg     300

gttgaagaag gttactatta attgttttaa aaacagctta gggattaatg tcctccattt     360

ataatgaaga ttaaaatgaa ggctttaatc agcattgtaa aggaaattga atggctttct     420

gatatgctgt tttttagcct aggagttaga aatcctaact tctttatcct cttctcccag     480

aggctttttt tttcttgtgt attaaattaa cattttaaa aagcagatat tttgtcaagg     540

ggctttgcat tcaaactgct tttccagggc tatactcaga agaaagataa aagtgtgatc     600

taagaaaaag tgatggtttt aggaaagtga aaatattttt gtttttgtat ttgaagaaga     660

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cagactttga ggtttcatca atataaataa aagagcagaa aaatatgtct tggttttcat     780

ttgcttacca aaaaaacaac aacaaaaaaa gttgtccttt gagaacttca cctgctccta     840·

tgtgggtacc tgagtcaaaa ttgtcatttt tgttctgtga aaaataaatt tccttcttgt     900

accatttctg tttagtttta ctaaaatctg taaatactgt attttttctgt ttattccaaa     960

tttgatgaaa ctgacaatcc aatttgaaag tttgtgtcga cgtctgtcta gcttaaatga    1020

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aaaaaaaaaa                                                           1090
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aaaggcaaag ggatgaattc ctacttcact aacccttcct tatcctgcca cctcgccggg     180

ggccaggacg tcctccccaa cgtcgccctc aattccaccg cctatgatcc agtgaggcat     240

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ccacaggaga atgtcgtgtt cagttccagc cgggggccgt atgactatgg atctaattcc     360

ttttaccagg agaaagacat gctctcaaac tgcagacaaa acaccttagg acataacaca     420

cagacctcaa tcgctcagga ttttagttct gagcagggca ggactgcgcc ccaggaccag     480

aaagccagta tccagattta cccctggatg cagcgaatga attcgcacag tggggtcggc     540

tacggagcgg accggaggcg cggccgccag atctactcgc ggtaccagac cctggaactg     600

gagaaggaat ttcacttcaa tcgctaccta acgcggcgcc ggcgcatcga gatcgccaac     660

gcgctttgcc tgaccgagcg acagatcaaa atctggttcc agaaccgccg gatgaagtgg     720
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                                 Page 187

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<213>    Homo sapiens

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agtggagtgg gagtgaagaa gctgtgtgaa ctgcagcctg aggagaagtg ctgtgtggtg     360

ggcactctgt tcaaggccat gccgctgcag ccctccatcc tgcgggaggt cagcgaggag     420

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<213>   Homo sapiens

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ctatatccac agaatcggtc gaggtggacg gtttggccgt aaaggtgtgg ctattaacat     1140
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                                    Page 189
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agg   1383

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<220>
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<220>
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